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INFORMATION DISCLOSURE STATEMENT BY ARPLICANT

Complete if Known

Application Number 10/089,011

Filing Date March 25, 2002

First Named Inventor Kenneth James Bunker

Group Art Unit

Examiner Name

(use as many sheets as necessary)

Sheet four of thirteen

Attorney Docket Number 7038.3011.001

			U.S. PATENT DOCUM	MENTS	
Examiner Initiats ' Cite No.' Number Kind Code ² Number (if known)		Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Unes, Where Relevant Passages or Relevant Figures Appear
HCB		2,724,252	Schmal	11-22-1955	
		2,737,033	Bendali	03-06-1956	
		2,764,261	Bridges	09-25-1956	
		3,146,860	Wilson	09-01-1964	
		3,191,735	Wavak	06-29-1965	
	_	3,233,704	Strain et al	02-08-1966	
		3,642,101	Hauth	02-15-1972	
		3,754,624	Eldred	08-28-1973	
		3,837,420	Kobelt	09-24-1974	
		3,844,385	Szekely	10-29-1974	
		3,861,501	Brooks et al	01-21-1975	
		3,915,272	Maurice	10-28-1975	
		4,256,209	Lupertz	03-17-1981	-11
		4,318,306	Fischer	03-09-1982	SECENT
		4,479,569	Kummer et al	10-30-1984	HEU
		4,534,457	Elize et al	08-13-1985	1 2 200
		4,576,255	Mery et al	03-18-1986	11112
		4,673,065	Gerard et al	06-16-1987	CHOILE 3
		4,699,254	Mery	10-13-1987	CROUP
7//		4,784,244	Carre et al	11-15-1988	GIV

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. ¹	For Office ³	Number	ment (ind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆	
Mills			00/09900	WO	PCT	02-24-2000			
1			00/09903	WO	PCT	02-24-2000			
			00/09904	WO	PCT	02-24-2000			
			00/09905	WO	PCT	02-24-2000			
			00/09909	WO	PCT	02-24-2000			
			00/09911	WO	PCT	02-24-2000			
			00/42332	WO	PCT	07-20-2000			
			01/03295	WO	PCT	01-11-2001			
1/1/2	-	1	01/15948	WO	PCT	03-08-2001			

Examiner Signature Date Considered 9.18-2003	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

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INFORMATION PASCLOSUR STATEMENT BY

Complete if Known Application Number 10/089,011 Filing Date March 25, 2002 First Named Inventor Kenneth James Bunker Group Art Unit Examiner Name

(use as many sheets as necessary)

of thirteen Sheet

7038.3011.001 Attorney Docket Number

			U.S. PATENT DOCU	MENTS	
Examiner Initials * Cite No.' Number (If known)		Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
n46		4,844,206	Casey	07-04-1989	
		4,863,000	Patel	09-05-1989	
		4,865,160	Casey	09-12-1989	
		4,865,162	Morris et al	09-12-1989	
		5,005,676	Gassiat	04-09-1991	
		5,358,079	Brown	10-25-1994	
		5,402,865	Harker	04-04-1995	
		5,674,026	Ishibashi et al	10-07-1997	
		6,056,089	Karlsson et al	05-02-2000	
		6,131,932	Bunker	10-17-2000	
		6,223,863	Bunker	05-01-2001	
		6,224,391	Bunker	06-12-2001	
		6,247,560	Bunker	06-19-2001	
		6,298,953	Bunker	10-09-2001	DEOENT
MG		6,305,510	Bunker	10-23-2001	RECEIVE
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				FOREIG	N PATENT DOCU	MENTS		
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716			01/33096	WO	PCT	05-10-2001		
			01/40671	WO	PCT	06-07-2001		
			01/86165	WO	PCT	11-15-2001		
			01/86167	WO	PCT	11-15-2001		
			83/01044	WO	PCT	03-31-1983		
			89/05924	WO	PCT	06-29-1989		
	l	T	96/18531	wo	PCT	06-20-1996		
			97/30295	WO	PCT	08-21-1997		
MIC			97/20150	WO	PCT	06-05-1997		

Examiner Signature 4. (. GRAHA) Date Considered 9-18-200	23
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AARK	Complete If Known	
Application Number	10/089,011	
Filing Date	March 25, 2002	
First Named Inventor	Kenneth James Bunker	
Group Art Unit		
Examiner Name		
Attorney Docket Number	7038.3011.001	

U.S. PATENT DOCUMENTS								
		U.S. Pa	itent Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Releval		
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1066			98/25804	WO	PCT	06-18-1998		
11900			98/26191	WO	PCT	06-18-1998		
$\neg \vdash$			98/26192	wo	PCT	06-18-1998		
\dashv			662,071		GB	11-28-1951		
\dashv		 	949,018		GB	02-05-1964		
+-			1,091,693	1	GB	11-22-1967		
		-	1,139,699	1	GB	01-08-1969		
			1,350,350		GB	04-18-1974		
11/6			1,396,503	1	GB	06-04-1975		

Examiner Signature	dr. (-	GRA HAM	Date Considered	9-18.2003

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Sheet	seven	of	thirteen	Attorney Docket Number	7038.3011.001

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NCL			1530461		GB	11-01-1978		
			2015122	Α	GB	09-05-1979		
			2031538	Α	GB	04-23-1980	- · · · · · · · · · · · · · · · · · · ·	
			2034834	Α	GB	06-11-1980		
			2150263	A	GB	06-26-1985		
			2156201	Α	GB	10-01-1985		
			2164712	Α	GB	03-26-1986		
			2184801	Α	GB	07-01-1987		
0/2/6			2307528	A	GB	05-28-1997		

				
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Attorney Docket Number

Substitute for form 1449A/PTO Complete if Known **Application Number** 10/089,011 INFORMATION DISCLOSURE Filing Date March 25, 2002 STATEMENT BY APPLICANT First Named Inventor Kenneth James Bunker Group Art Unit (use as many sheets as necessary) Examiner Name Sheet thirteen

				U.S. PATENT DOCUM	MENTS	
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ME			2320299	A	GB	06-17-1998		
7			2320300	A	GB	06-17-1998		
7			2320301	A	GB	06-17-1998		
			2340561	Α	GB	02-23-2000		
7			2340562	A	GB	02-23-2000		
7			2340563	Α	GB	02-23-2000		
			2340564	Α	GB	02-23-2000		
			2346940	Α	GB	08-23-2000		
11/6			2361969	A	GB	11-07-2001		

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Sheet	nine	of	thirteen	Attorney Docket Number	7038.3011.001	

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M4			2361970	Α	GB	11-07-2001		
7		T	2361971	A	GB	11-07-2001		
			2361972	A	GB	11-07-2001		
			2361973	Α	GB	11-07-2001		
			1205345		GERMAN	11-18-1965		
		†	19810593	3 A1	GERMAN	06-10-1999		
		1	2039003		GERMAN	02-18-1971		
			3740373	A1	GERMAN	06-09-1988	·	
1416			0096553	A1	EUROPE	12-21-1983		

Signature Dr. C. Dr. WYW) Considered 9- [8, 1003	Examiner Signature	Dr. C. GRAHAM		9-18.2003
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet ten of thirteen

TRAC	EMARK	Complete if Known	
	Application Number	10/089,011	
	Filing Date	March 25, 2002	
	First Named Inventor	Kenneth James Bunker	
	Group Art Unit		
	Examiner Name		
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				Group Art Unit		
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Sheet	eleven	of	thirteen	Attorney Docket Number	7038.3011.001	

	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS					
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Examiner Signature	M. C. GRAHAM	Date Considered	9-18.2003
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